



P69246US0.ST25.txt
SEQUENCE LISTING

<110> PARK, Se Ho
YANG, Hae Sik
LEE, Dae Sik
SHIN, Yong Beom
KIM, Kyu Won
YOON, Tae Hwan
KIM, Sung Jin
KIM, Yun Tae

<120> Method for performing multiplex PCR with cyclic changes of PCR parameters

<130> P69246US0

<140> US 10/697,295

<141> 2003-10-31

<150> 10-2002-0068008

<151> 2002-11-05

<160> 8

<170> PatentIn version 3.2

<210> 1

<211> 221

<212> DNA

<213> Homo sapiens

<220>

<221> brca1 exon11b

<222> (1)..(221)

<223> part of the sequence, human brca1 exon11b from genbank

<400> 1

ttttagcaaa agcgtccaga aaggagagct tagcaggagt cctagccctt tcacccatac 60

acatttggtc cagggttacc gaagaggggc caagaaatta gagtcctcag aagagaactt 120

atctagttag gatgaagagc ttccctgctt ccaacacttg ttatttggtg aagtaaacaa 180

tataccttct cagtctacta ggcatagcac cgttgctacc g 221

<210> 2

<211> 250

<212> DNA

<213> Homo sapiens

<220>

<221> brca1 exon11b

<222> (15)..(236)

<223> PCR product of human brca exon11b from blood genomic DNA

<400> 2

cagaattcgc ctttttttag caaaagcgtc cagaaaggag agcttagcag gagtccttagc 60

cctttcaccc atacacattt ggctcagggt taccgaagag gggccaagaa attaggggtcc 120

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tcagaagaga acttatctag tgaggatgaa gagcttccct gcttccaaca cttgttattt	180
ggtaaagtaa acaatatacc ttctcagtct actaggcata gcaccgttgc taccgaagg	240
cgaattccag	250

<210> 3
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> brca2 exon11
 <222> (1)..(317)
 <223> DNA sequence , part of brca2 gene exon11 from genbank source.

<400> 3	
tttgaattta ctcagtttag aaaaccaagc tacatattgc agaagagtac atttgaagtg	60
cctgaaaacc agatgactat cttaaagacc acttctgagg aatgcagaga tgctgatctt	120
catgtcataa tgaatgcccc atcgattggt caggtagaca gcagcaagca atttgaaggt	180
acagttgaaa ttaaacggaa gtttgctggc ctgttgaaaa atgactgtaa caaaagtgct	240
tctggttatt taacagatga aaatgaagtg ggggttaggg gcttttattc tgctcatggc	300
acaaaactga atgtttc	317

<210> 4
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> human brca2 exon11
 <222> (33)..(349)
 <223> PCR product sequence ,part of human brca2 exon11 from human blood genomic DNA

<400> 4	
taacggccgc cagtgtgctg gaattcgccc ttttgaatt tactcagttt agaaaaccaa	60
gctacatatt gcagaagagt acatttgaag tgcctgaaaa ccagatgact atcttaaaga	120
ccacttctga ggaatgcaga gatgctgac ttcatgtcat aatgaatgcc ccatcgattg	180
gtcaggtaga cagcagcaag caatttgaag gtacagttga aattaaacgg aagtttgctg	240
gcctgttgaa aaatgactgt aacaaaagtg cttctgggta tttaacagat gaaaatgaag	300
tggggttttag gggcttttat tctgctcatg gcacaaaact gaatgtttc	349

<210> 5
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> human brca1 exon11
 <222> (1)..(468)
 <223> part of human brca1 exon11 DNA sequence from genbank.

<400> 5
 gtccaatttc aaatcacagt tttggaggta gcttcagaac agcttcaa at aaggaaatca 60
 agctctctga acataacatt aagaagagca aaatgttctt caaagatatt gaagaacaat 120
 atcctactag tttagcttgt gttgaaattg taaatacctt ggcattagat aatcaaaaga 180
 aactgagcaa gcctcagtca attaatactg tatctgcaca ttacagagt agtgtagttg 240
 tttctgattg taaaaatagt catataaccc ctcatagtgt attttccaag caggatttta 300
 attcaaacca taatttaaca cctagccaaa aggcagaaat tacagaactt tctactatat 360
 tagaagaatc aggaagtcag tttgaattta ctcatgttag aaaaccaagc tacatattgc 420
 agaagagtac atttgaagtg cctgaaaacc agatgactat cttaaaga 468

<210> 6
 <211> 497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> human brca1 exon11
 <222> (13)..(480)
 <223> PCR product sequence, part of human brca1 exon11 from human blood genomic DNA.

<400> 6
 gaattcgccc ttgtccaatt tcaaatacaca gttttggagg tagcttcaga acagcttcaa 60
 ataaggaaat caagctctct gaacataaca ttaagaagag caaaatgttc ttcaaagata 120
 ttgaagaaca atatcctact agtttagctt gtgttgaaat tgtaaatacc ttggcattag 180
 ataatcaaaa gaaactgagc aagcctcagt caattaatac tgtatctgca catttacaga 240
 gtagtgtagt tgtttctgat tgtaaaaata gtcataatac ccctcagatg ttattttcca 300
 agcaggattt taattcaaac cataatttaa cacctagcca aaaggcagaa attacagaac 360
 tttctactat attagaagaa tcaggaagtc agttttgaat ttactcagtt tagaaaacca 420
 agctacatat tgcagaagag tacatttgaa gtgcctgaaa ccagatgact atcttaaaga 480
 ctgttaaggg cgaattc 497

<210> 7
 <211> 122
 <212> DNA
 <213> Homo sapiens

<220>

<221> human brca1 exon11
 <222> (1)..(122)
 <223> part of human brca1 exon11 sequence from genbank.

<400> 7
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 tgatttgaac accactgaga agcgtgcagc tgagagggcat ccagaaaagt atcagggtag 120
 tt 122

<210> 8
 <211> 127
 <212> DNA
 <213> Homo sapiens

<220>
 <221> human brca1 exon11
 <222> (1)..(122)
 <223> PCR product sequence , part of human brca1 exon11 from human blood genomic DNA

<400> 8
 tgcttgtgaa ttttctgaga cggatgtaac aaatactgaa catcatcaac ccagtaataa 60
 tgatttgaac accactgaga agcgtgcagc tgagagggcat ccagaaaagc atcggggtag 120
 ttctggtt 127